



KEMENTERIAN PEMBANGUNAN
NEGARA BRUNEI DARUSSALAM

BARANGAN YANG DILULUSKAN

Rujukan barangan yang diluluskan : (1900) KPN/ABCI/C/8.0
Tarikh dikeluarkan : 26th January 2013
Tarikh Mansuh : 1st February 2014

Dengan ini diakui bahawa, Lifz Technology Sdn Bhd., Unit D4, 1st Floor, Bangunan Hj Lajim Dan Anak-Anak, Kiarong, Bandar Seri Begawan BE1318, Negara Brunei Darussalam telah mengikuti skim persijilan barangan Kementerian Pembangunan seperti keterangan di bawah ini :-

Skim Persijilan : Scheme 2
(refer certification procedures STD3/003
Issue No. 11, Revision 27th May 2008)
: The use of these products subject to the user's
specific technical and contractual requirements

Barangan yang diluluskan : "STEP" ELEVATOR CONTROLLER
Note : Please refer to Schedule

Tajuk dan Nombor Piawai (spesikasi) : ISO 9001 : 2008
yang berkenaan terhadap persijilan yang
dikehendaki. Design, Manufacture, Sales and Service of Elevator
Control System
Issued by : TUV SUD Management Service
Certificate No. : 12 100 24356 TMS
Certification Validity : 01/02/2014

Dr. Haja

[DR. HAJAH DAYANG SUZANA BINTI HAJI AWANG ADENAN]
b/p. Setiausaha Tetap (Teknikal & Professional)
Kementerian Pembangunan



SCHEDULE
(1900) KPN/ABCi/C/8.0
LIFZ TECHNOLOGY SDN BHD.

"STEP" ELEVATOR CONTROLLER

Checked by Department of Mechanical and Electrical, Public Works Department

List of Equipment for Approval

A. Control Cabinet of Elevator & Escalator

1. MCP-ST/C 6400 Integrated Full Serial VVVF Control
 - i. Power Range : 5.5kW – 22kW
 - ii. Rated Speed : 1.0 – 2.5m/s

2. MCP-ST/G 6400 Integrated Full Serial VVVF Control
 - i. Power Range : 5.5kW – 22kW
 - ii. Rated Speed : 1.0 – 2.5m/s

3. MCP-ST/C 0501 Integrated Full Serial VVVF Control
 - i. Power Range : 5.5kW – 22kW
 - ii. Rated Speed : 1.0 – 2.5m/s

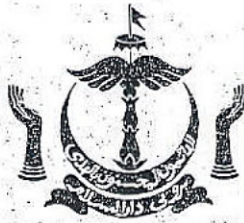
4. MCP-ST/C 0801 B Type Integrated Full Serial VVVF Control
 - i. Power Range : 5.5kW – 22kW
 - ii. Rated Speed : 1.0 – 2.5m/s

5. MCP-SW/F 8620 B Type Integrated Full Serial VVVF MRL Control
 - i. Power Range : 5.5kW – 22kW
 - ii. Rated Speed : 1.0 – 2.5m/s

6. MCP-ST/B 6000 Integrated Home Lift Control
 - i. Power Range : 1.1kW – 3.7kW
 - ii. Rated Speed : 0.5 – 1.0m/s

7. MCP-ST/C 2300 Integrated Full Serial VVVF Control
 - i. Power Range : 5.5kW – 22kW
 - ii. Rated Speed : 1.0 – 3.5m/s

8. MCP-ST/C 0100 Full Serial VVVF Control
 - i. Power Range : 5.5kW – 22kW
 - ii. Rated Speed : 1.0 – 3.5m/s



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B. Control System of Elevator & Escalator

1. 32-Bit Standard Serial Control Board
 - a. For Rated Speed : 0.63 – 4.0m/s
 - b. Maximum Stops : 64 stops
2. 32-Bit High Performance Serial Control Board
 - a. For Rated Speed: 0.63 – 4.0m/s
 - b. Maximum Stops : 64 stops
3. 32-Bit Serial Control Board SM.01PA/J
 - a. For Rated Speed : 0.63 – 4.0m/s
 - b. Maximum Stops : 64 stops
4. 16-Bit Serial Control Board SM-01-CD/A
 - a. For Rated Speed : 0.63 – 1.75m/s
 - b. Maximum Stops : 32 stops
5. 16-Bit Parallel Control Board SM-01-DP/C
 - a. For Rated Speed : 0.63 – 1.75m/s
 - b. Maximum Stops : 15 stops
6. Home Lift Control Board SM.01.HO/D
 - c. For Rated Speed : Not More Than 0.5m/s
 - d. Maximum Stops : 5 stops
7. Elevator Car Control Board SM-02-E
8. Elevator Command Board SM-03
9. Elevator Car Control Board SM.02/G
10. Elevator Car Top Control Board SM.02/H
11. Extension Board SM.0910/B
12. Elevator Call / Indicator Board SM-04
13. Serial Dot Matrix LED Call & Indicator
14. Parallel Dot-Matrix LED Indicator
15. Serial Segment LED Call & Indicator
16. Parallel Segment LED Indicator
17. Serial Super Large Screen Dot-Matrix Call & Indicator
18. Serial Call Board (Without Display Module) SM-04-ND
19. Serial Dot-Matrix LCD Call & Indicator Board SM-04-UL



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20. Serial Dot-Matrix LCD Call & Indicator Board SM-04-UL/A
21. Serial Segment LCD Call 7 Indicator Board SM-04-VL B3 / SM.04VL16/A
22. TFT LCD Indicators SM.04TL/A, SM.04TL/C, SM.04TL/F, SM.04TL/G, SM.04TL/H
23. SM.04TL/A 3.5 inch TFT LCD Indicator
24. SM.04TL/C 4.3 inch TFT LCD Indicator
25. SM.04TL/F 7.0 inch TFT LCD Indicator
26. SM.04TL/H 10.4 inch TFT LCD Indicator
27. Elevator Group Control System
28. Elevator Remote Monitoring System
29. Remote Intelligent Diagnosis System
30. Escalator Control System
31. IC Card Elevator Intelligent Management System
32. MP3 Voice Announcer OT.VA/C
33. B/A Interface Board SM-09-1485

C. Elevator Button, Car Operating Panel (COP) and Landing Operating Panel (LOP)

1. Elevator Buttons
PB20, EB420, EB430, EB610, EB950, EB960, EB980, EB111, EB210, EB310, EBC12, EBC22,
KA115, KA117, EBB10, EBB30, EBC10, EB410A, EB510, EB220, EB221, EB910, EB920.
2. Car Operating Panel
COP511, COP811, COP920A01, COP120, COP211, COP221, COP410, COP1010, COP1020,
COP1050, COP1000A01, COP1000A02, COP1000A03, COP1000A04, COP1020A, COP1060,
COPB02, COPQ1080.
3. Landing Operating Panel
EH981, EH982, EHD982, EH1980, EH2980A, EH2980B.
4. Arrival Lantern
AL130, AL110, AL120, AL140, AL150, AL240, AL220, AL230.

D. AStar Inverter for Elevator

1. AStar – S3 Inverter for Elevator
2. AStar – S8 Integrated Inverter for Elevator
3. AStar – DP Inverter for Freight Elevator
4. AStar – S2 elevator Door Inverter
5. AStar – RG Energy Regenerator for Elevator